

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

Docket No. 22010-127

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention in **BINAURAL**

SIGNAL PROCESSING TECHNIQUES the specification of which

(check one) ☒ is attached hereto.
☐ was filed on _____ as Application Serial No. _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information material to patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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I hereby claim benefit under Title 35, United States Code, §119(e) of any United States Provisional application(s) listed below:

<u>(Application Number)</u>	<u>(Filing Date)</u>
<u>(Application Number)</u>	<u>(Filing Date)</u>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status - patent/pending/abandoned)</u>
<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Status - patent/pending/abandoned)</u>

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold R. Woodard, No. 16,214; C. David Emhardt, No. 18, 483; Joseph A. Naughton, Jr., No. 19, 814; John V. Moriarty, No. 26,207; John C. McNett, No. 25,533; Thomas Q. Henry, No. 28,309; James M. Durlacher, No. 28,840; Charles R. Reeves, No. 28,750; Vincent O. Wagner, No. 29,596; Steve Zlatos, No. 30,123; Spiro Bereveskos, No. 30,821; William F. Bahret, No. 31,087; Clifford W. Browning, No. 32,201; R. Randall Frisk, No. 32,221; Daniel J. Lueders, No. 32,581; Kenneth A. Gandy, No. 33,386; Timothy N. Thomas, No. 35,714; Kerry P. Sisselman, No. 37,237; Kurt N. Jones, No. 37,996; John H. Allie, No. 39,088; Holiday W. Banta, No. 40,311; Troy J. Cole, No. 35,102; L. Scott Paynter, No. 39,797; J. Andrew Lowes, No. 40,706; Darrin Wesley Harris, No. 40,636; Matthew R. Schantz, No. 40,800; Gregory B. Coy, No. 40,967; Lisa A. Hiday, No. 40,036; John V. Daniluck, No. 40,581; and Arthur J. Usher, IV, No. 41,359.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **Albert S. Feng**

Inventor's
Signature: Albert S. Feng Date of Signature: 16 October, 1998
Residence: **1209 Wilshire Court, Champaign, Illinois 61821**
Citizenship: **U. S.**
Post Office Address: **1209 Wilshire Court, Champaign, Illinois 61821**

Full name of second inventor: **Chen Liu**

Inventor's
Signature: Chen Liu Date of Signature: 26 October 1998
Residence: **2105B Orchard St., Urbana, Illinois 61801**
Citizenship: **USA**
Post Office Address: **2105B Orchard St., Urbana, Illinois 61801**

Full name of third inventor: **Robert C. Bilger**

Inventor's
Signature: Robert C. Bilger Date of Signature: 23 October 1998
Residence: **1113 Newbury Road, Champaign, IL 61820**
Citizenship: **USA**
Post Office Address: **1113 Newbury Road, Champaign, IL 61820**

Full name of fourth inventor: **Douglas L. Jones**

Inventor's
Signature: Douglas L. Jones Date of Signature: 16 October 1998
Residence: **1214 W. Church Street, Champaign, Illinois 61821**
Citizenship: **USA**
Post Office Address: **1214 W. Church Street, Champaign, Illinois 61821**

Full name of fifth inventor: **Charissa R. Lansing**

Inventor's
Signature: Charissa R. Lansing Date of Signature: 16 October 1998
Residence: **2903 Valley Brook Drive, Champaign, Illinois 61821**
Citizenship: **USA**
Post Office Address: **2903 Valley Brook Drive, Champaign, Illinois 61821**

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Full name of sixth inventor: **William D. O'Brien, Jr.**

Inventor's

Signature: William D. O'Brien, Jr.

Date of Signature: October 16, 1998

Residence: **2002 O'Donnell Drive, Champaign, Illinois 61821**

Citizenship: **USA**

Post Office Address: **2002 O'Donnell Drive, Champaign, Illinois 61821**

Full name of seventh inventor: **Bruce C. Wheeler**

Inventor's

Signature: Bruce C. Wheeler

Date of Signature: October 16, 1998

Residence: **1203 Waverly Drive, Champaign, Illinois 61821**

Citizenship: **USA**

Post Office Address: **1203 Waverly Drive, Champaign, Illinois 61821**

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**STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(d))--NONPROFIT ORGANIZATION**

Docket Number (Optional)
22010-127

Applicant, Patentee, or Identifier: The Board of Trustees of the University of Illinois
Application or Patent No.: New application
Filed or Issued: _____
Title: BINAURAL SIGNAL PROCESSING TECHNIQUES

I hereby state that I am an official empowered to act on behalf of the nonprofit organization identified below:
NAME OF NONPROFIT ORGANIZATION The Board of Trustees of the University of Illinois
ADDRESS OF NONPROFIT ORGANIZATION 506 South Wright Street, Urbana, Illinois 61801

TYPE OF NONPROFIT ORGANIZATION:

- ☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
- ☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))
- ☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)
- ☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. 501(a) and 501(c)(3))
IF LOCATED IN THE UNITED STATES OF AMERICA
- ☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA
(NAME OF STATE _____)
(CITATION OF STATUTE _____)

I hereby state that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention described in:

- ☐ the specification filed herewith with title as listed above.
☒ the application identified above.
☐ the patent identified above.

I hereby state that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention. If the rights held by the nonprofit organization are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities and that no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- ☒ no such person, concern, or organization exists.
☐ each such person, concern, or organization is listed below.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING Craig S. Bazzani
TITLE IN ORGANIZATION OF PERSON SIGNING Comptroller, Vice President for Business and Finance
ADDRESS OF PERSON SIGNING 506 South Wright Street, Urbana, Illinois 61801
SIGNATURE Craig S. Bazzani DATE 11/9/98